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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

REILLY, SEAN M

ART UNIT PAPER NUMBER

2153

DATE MAILED: 04/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/042,831	Applicant(s) LEE ET AL.	
	Examiner Sean Reilly	Art Unit 2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>4/9/2002</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This office action is a first action on the merits of this application. Claims 1-21 are presented for further examination.

Priority

1. The effective filing date for the subject matter defined in the pending claims in this application is November 29, 2000.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-21 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
3. Regarding claims 1-21, the claims are generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors. The following issues are specifically noted below but are not meant to be an exhaustive list.
4. Regarding claims 1, 2, 7, 12, and 17, the limitation “a display function for displaying, as icons, the other *attendant electronic equipments*,” renders each claim ambiguous. It is presumed that icons are used to represent each attendee of the conference.

5. Regarding claims 6, 11, 16, and 21, the term "memorandum data" renders each ambiguous. It is presumed "memorandum data" represents any data recorded during the conference.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schoof, II (U.S. Patent Number 5,440,624; hereinafter Schoof) and McNerney et al. (U.S. Patent Number 5,999,208; hereinafter McNerney).
7. Regarding claim 1, Schoof disclosed a network conferencing system in which an output electronic equipment for presenting the contents of presentation (Figure 1A, data, voice fax, and bridge terminals), a generating electronic equipment for generating the contents of presentation to be presented by the output electronic equipment (Figure 1A, data, voice fax, and bridge terminals) (any of the attendees can generate and present data during the conference, see Col 3, lines 6-19 and Col 6, lines 54-63), a plurality of attendant electronic equipments (Figure 1A, any of the terminals), and a conference management server (Conference Controller, Col 5, line 62 – Col 6, line 4) connected with the output electronic equipment and the attendant electronic equipments so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments, are connected via a communication network (Figure 1A), each of the attendant electronic equipments having an information input/output

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function for inputting and outputting information from and to the other attendant electronic equipments and the output electronic equipment via the communication network (Col 3, lines 6-19), a presentation function for presenting the contents of presentation by using the output electronic equipment (Col 3, lines 6-19 and 46-61), a presentation contents browsing function for browsing the contents of presentation presented by the presentation function of the other attendant electronic equipments using the output electronic equipment (Col 4, lines 4-26), an authentication function for carrying out authentication of attendance of the other attendant electronic equipments at a conference (Col 4, lines 36-41), an equipment management function for managing the state of each electronic equipment connected to the communication network (Col 3, lines 20-45), and a proceedings control function for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function (generating the complete archived record, Col 6, lines 64-68).

However, Schoof failed to specifically recite a display function for displaying, as icons, the other attendees of the conference. Nevertheless it was well known at the time of the invention to display conference attendees as icons within electronic conferencing systems, as evidenced by McNerney. In an analogous conferencing system, McNerney discloses displaying conference attendees as icons within a virtually reality meeting room (See Figure 4) in order to provide a realistic conference room setting along with providing attendees the tools to identify both the speakers and their communication properties (McNerney Col 5, lines 20-44). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate that above teachings of McNerney within the system of Schoof, in order to provide a realistic

conference room setting along with providing attendees the tools to identify both the speakers and their communication properties (McNerney Col 5, lines 20-44).

8. Claims 2-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schoof, II (U.S. Patent Number 5,440,624; hereinafter Schoof) and Minnenman et al. (A Confederation of Tools for Capturing and Accessing Collaborative Activity; hereinafter Minnenman) and McNerney et al. (U.S. Patent Number 5,999,208; hereinafter McNerney).

9. Regarding claims 2, 7, 12, and 17, Schoof disclosed a network conferencing system in which an output electronic equipment for presenting the contents of presentation (Figure 1A, data, voice fax, and bridge terminals), a generating electronic equipment for generating the contents of presentation to be presented by the output electronic equipment (Figure 1A, data, voice fax, and bridge terminals) (any of the attendees can generate and present data during the conference, see Col 3, lines 6-19 and Col 6, lines 54-63), a plurality of attendant electronic equipments (Figure 1A, any of the terminals), and a conference management server (Conference Controller, Col 5, line 62 – Col 6, line 4) connected with the output electronic equipment and the attendant electronic equipments so as to transmit and receive information to and from the output electronic equipment and the attendant electronic equipments, are connected via a communication network (Figure 1A), each of the attendant electronic equipments having an information input/output function for inputting and outputting information from and to the other attendant electronic equipments and the output electronic equipment via the communication network (Col 3, lines 6-19), a presentation function for presenting the contents of presentation by using the output electronic equipment (Col 3, lines 6-19 and 46-61), a presentation contents browsing function for

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browsing the contents of presentation presented by the presentation function of the other attendant electronic equipments using the output electronic equipment (Col 4, lines 4-26), an authentication function for carrying out authentication of attendance of the other attendant electronic equipments at a conference (Col 4, lines 36-41), an equipment management function for managing the state of each electronic equipment connected to the communication network (Col 3, lines 20-45), and a proceedings control function for obtaining information for preparing the proceedings by using the contents of presentation presented by the presentation function (generating the complete archived record, Col 6, lines 64-68),

- the conference management server comprising:
- input/output means for inputting presentation data presented by the presentation function using the output electronic equipment, from the attendant electronic equipment, then outputting the presentation data to the output electronic equipment, and for inputting material data generated by the generating electronic equipment, then outputting the material data to the output electronic equipment (Col 8, lines 4-6);
- conference management information preparation means for preparing conference management information relating to the conference (Rules, Col 7, lines 21-45);
- storage means (Col 11, lines 10-15) for associating the presentation data presented by the output electronic equipment with *information indicating the presentation data presented* (keyed item – defined as any data defined to be associated with certain archived record data), generated by the input/output means, and thus storing the presentation data and the information, while associating the material data generated by the generating electronic equipment with the information indicating the material data presented, generated by the

input/output means, and thus storing the material data and the information, and for storing the conference management information prepared by the conference management information preparation means (Col 6, line 64 - Col 7, line 10); and

- proceedings data preparation means (conference controller) for arranging the conference management information, the presentation data and the material data in accordance with information (keyed items) and thus preparing proceedings data (complete record of the proceedings stored in memory) (Col 6, line 64 - Col 7, line 10).

Schoof failed to specifically recite that the stored presentation and material data is associated with *time information* indicating when the presentation data is presented. Nevertheless Schoof did disclose that a complete record of the conference is recorded and associated data items (keyed items) so a recorded conference can later be reviewed using the keyed items (Col 6, line 64 - Col 7, line 10). However Schoof was silent as to any specific keyed items that should be used, thus one of ordinary skill in the art at the time of the invention would have been motivated to seek out useful keyed items to be associated with the stored data. In an analogous art, Minnenman discloses a conferencing system where presentation data from a conference is stored and associated with time information (Minnenman See indexing pgs 3 and 4). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate that time indexing features, disclosed by Minnenman, within the Schoof system as a keyed item, since Minnenman disclosed time information is a meaningful pointer used to access archived records (Minnenman See indexing on pgs 3 and 4).

Additionally, both Schoof and Minnenman failed to specifically recite a display function for displaying, as icons, the other attendees of the conference. Nevertheless it was well known at the time of the invention to display conference attendees as icons within electronic conferencing systems, as evidenced by McNerney. In an analogous conferencing system, McNerney discloses displaying conference attendees as icons within a virtually reality meeting room (See Figure 4) in order to provide a realistic conference room setting along with providing attendees the tools to identify both the speakers and their communication properties (McNerney Col 5, lines 20-44). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate that above teachings of McNerney within the combined system of Schoof and Minnenman, in order to provide a realistic conference room setting along with providing attendees the tools to identify both the speakers and their communication properties (McNerney Col 5, lines 20-44).

10. Regarding claims 3, 8, 13, and 18, Schoof discloses the storage means stores the format of the data generated by the generating electronic equipment, and the proceedings data preparation means arranges the data in accordance with the format stored in the storage means (keyed items, Col 6, line 64 - Col 7, line 10).

11. Regarding claims 4, 9, 14, and 19, Schoof discloses a camera device (Figure 1A, Component 112) for imaging the contents (e.g. video conferencing, Col 5, lines 45-46) of the conference is further connected with the communication network, and the storage means associates image data and audio data picked up by the camera device with time information indicating when the image

data and audio data are picked up by the camera device and thus storing the image data and audio data and the time information (archived record Col 6, lines 64-66).

12. Regarding claims 5, 10, 15, and 20, Schoof discloses the proceedings data preparation means prepares proceedings data for displaying presentation data and material data presented in the same time period, on the same screen (Col 6, line 64 – Col 7, line 6).

13. Regarding claims 6, 11, 16, and 21, Schoof discloses the input/output means inputs memorandum data generated at a chairman terminal (conference controller) having the proceedings control function, of the attendant electronic equipments, and prepares time information indicating when the memorandum data is inputted, and the storage means associates the memorandum data with the time information and thus storing the memorandum data and the time information (complete archived record, Col 6, lines 64-65).

Conclusion

14. The prior art made of record, in PTO-892 form, and not relied upon is considered pertinent to applicant's disclosure. In particular the conference recoding system disclosed by Ludwig with reference to Figure 30 and more specifically the structure and time relationships for recorded data.

15. This office action is made **NON-FINAL**.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean Reilly whose telephone number is 571-272-4228. The examiner can normally be reached on M-F 8-5.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on 571-272-3949. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


4/12/2005

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